

19980322.qrp v01_n037.qrs.980322

Date: Sun, 22 Mar 1998 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1037

QRP-L Digest 1037

Topics covered in this issue include:

- 1) [6534] Test Equipment.
by Phil <k6ls@prolynx.com>
- 2) [6535] Re: NorCal K8FF Paddles Free to a Good Home
by "Paul Christensen" <paulc@mediaone.net>
- 3) [6536] Re: Major changes to Field Day rules
by ki7mn@dancris.com
- 4) [6537] Va. QSO Party
by "Dan Wolfe" <n4roa@mounet.com>
- 5) [6538] Looking for Mike Bryce
by Roger Hightower <n7kt@earthlink.net>
- 6) [6539] Re: NorCal K8FF Paddles Free to a Good Home
by N9DD <N9DD@aol.com>
- 7) [6540] Re: NorCal K8FF Paddles Free to a Good Home
by Tim Ahrens <tahrens@inetport.com>
- 8) [6541] RE: RF probe voltage dependency
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 9) [6542] 30M Beacon (kind of long)
by Tom Morgan <liveoak@sccoast.net>
- 10) [6543] Re: Major changes to Field Day rules
by Dave Sjolin <sjolin@swbell.net>
- 11) [6544] SST mods
by tshilhanek@juno.com
- 12) [6545] connectors for off-board componants
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
- 13) [6546] H0-10 scope
by dave_epps@juno.com
- 14) [6547] RE: New 38-S: the 44-MAGNUM
by "D.K. Philbin" <dphilbin@slonet.org>
- 15) [6548] Re: AK for where art thou?
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 16) [6549] Field day digital stuff (Kinda long)
by jerrydeen@juno.com (Gerald A Huldeen)
- 17) [6550] Re: Major changes to Field Day rules
by kd4zkw <kd4zkw@amsat.org>
- 18) [6551] Feel bad not, 10M was open, but
by kd4zkw <kd4zkw@amsat.org>
- 19) [6552] RE:Connectors for off-board components

- by N9DD <N9DD@aol.com>
- 20) [6553] Re: connectors for off-board componants
by Roger Hightower <n7kt@earthlink.net>
 - 21) [6554] Re: The Joy of Morse, April 1998 QST
by adams@chuck.dallas.sgi.com (Chuck Adams)
 - 22) [6555] Info pls on unique mod to Ballantine Model 1040A o'scope
by "Bruce Barley" <lbbarley@feist.com>
 - 23) [6556] Re: Major changes to Field Day rules
by Dave Sjolin <sjolin@swbell.net>
 - 24) [6557] Re: Bashing the League and Wayne
by Monte Stark <ku7y@dri.edu>
 - 25) [6558] Re: K2 Unveiling at the NorCal meeting, April 5th
by "David D. Meacham" <ddm@datatamers.com>
 - 26) [6559] Re: AK for where art thou?
by Shephed <Shephed@aol.com>
 - 27) [6560] Re: e-mail addresses on-line
by "George T. Baker" <w5yr@swbell.net>
 - 28) [6561] o-scope
by "duane" <duane@flinet.com>
 - 29) [6562] FM stereo receiver kits?? not qrp, sorry
by Scott Bauer <ke3nv@erols.com>
 - 30) [6563] FS: Batteries for QRP Rigs
by Tim English <tje@usol.com>
 - 31) [6564] SM caps -- not! And a bit on the Sierra design...
by "L.Svec,W.Burdick" <svecbrdk@well.com>
 - 32) [6565] K8FF paddle <> looking for wide arms
by pmk@juno.com (Patrick M Kvitkauskas)
 - 33) [6566] JUNO ???
by pmk@juno.com (Patrick M Kvitkauskas)
 - 34) [6567] Re: W9AC's Norcal K8FF Paddle Givaway
by "Paul Christensen" <paulc@mediaone.net>
 - 35) [6568] Hamfest QRP Forum
by K4NK <K4NK@aol.com>
 - 36) [6569] Re: K2 Unveiling at the NorCal meeting, April 5th
by Tim Ahrens <tahrens@inetport.com>
 - 37) [6570] Galbraith QRP Paddles
by "Paul Christensen" <paulc@mediaone.net>
 - 38) [6571] W9AC'S NORCAL K8FF PADDLE GIVAWAY
by n1wcc@juno.com (Arol b hill)
 - 39) [6572] Re: AK for where art thou?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
 - 40) [6573] FS:TT 525D, 705, 234
by NT1R <NT1R@aol.com>
 - 41) [6574] Re: connectors for off-board componants
by Leon Heller <leon@lfheller.demon.co.uk>
 - 42) [6575] Paddle and Tick
by tom whalen <whalen@swcp.com>
 - 43) [6576] Items for sale

by Roger Hightower <n7kt@earthlink.net>
44) [6577] RE: rule changes to field day?
by jdenison@morelr.com (JOEL DENISON)
45) [6578] SOLD: TT #234
by NT1R <NT1R@aol.com>
46) [6579] FS: Dummy Loads/ SkyTec speaker
by "Tim Cook" <timcook@erinet.com>
47) [6580] SST Experiences? (fwd)
by "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
48) [6581] KD1JV Spectrum Analyzer Scope Adapter
by Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
49) [6582] Sold: Ten Tec Argosy II
by NT1R <NT1R@aol.com>
50) [6583] SIERRA VFO MOD
by marion@montana.com
51) [6584] Re: e-mail addresses on-line
by Mike - W0TMW <crucis@sky.net>
52) [6585] Sierra Pwr mod
by marion@montana.com
53) [6586] Re: AK for where art thou?
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
54) [6587] Spring cleaning Sale - Misc
by "Bruce Williams - N9JCV" <n9jcv@wwa.com>
55) [6588] CW, RTTY, Balanced Hams...
by Chris Cartwright <ccart@dns.vidtel.com>
56) [6589] Re: o-scope
by Paul Harden <pharden@aoc.nrao.edu>
57) [6590] Re: Items for sale
by Roger Hightower <n7kt@earthlink.net>
58) [6591] SST
by dave_epps@juno.com
59) [6592] parts fm vcr's
by dave_epps@juno.com
60) [6593] Re: AK for where art thou?
by GERALDCUND <GERALDCUND@aol.com>
61) [6594] RE: beacon on 30m
by Tom Morgan <liveoak@sccoast.net>
62) [6595] Re: o-scope
by sigcom@juno.com (Stephen M Smith)
63) [6596] FS: S&S Engineering ARK20, TAC-1
by "Kelly Ellison" <kelman@dialnet.net>
64) [6597] Re: Sierra Pwr mod
by "John A. Evans - N0HJ" <jaevas@codenet.net>
65) [6598] Re: o-scope manuals
by Robert Bayha <rbayha@ix.netcom.com>
66) [6599] Web Page
by "Ron Polityka" <wb3aal@talon.net>
67) [6600] Tektronix 475 scope question

by Robert Bayha <rbayha@ix.netcom.com>
68) [6601] RE: JUNO ???
by Kevin Muenzler - WB5RUE <wb5rue@stic.net>
69) [6602] MacDilbert experiences...longish
by Mel Evans <MelEvansGM6JAG@compuserve.com>
70) [6603] Re: IC706 Converters/Software - What I found (LONG)
by "John J. McDonough" <jjmcd@mdn.net>
71) [6604] FS
by Monte Stark <ku7y@dri.edu>
72) [6605] RE: Mobile paddles?
by Bruce Grubbs <bog@flagstaff.az.us>
73) [6606] Re: IC706 Converters/Software - What I found (LONG)
by Stephen Trier <sct@po.cwru.edu>
74) [6607] o-scope
by "duane" <duane@flinet.com>
75) [6608] Power from RS232
by ea8yu Goran <rodriguez@jet.es>

Date: Sat, 21 Mar 1998 17:24:21 -0700
From: Phil <k6ls@prolynx.com>
To: Colorado QRP club <CQC@MTECHNOLOGIES.COM>, vhf <vhf@w6yx.stanford.edu>, qrp-l
<qrp-l@lehigh.edu>, wswss <wswss@qth.net>
Subject: [6534] Test Equipment.
Message-ID: <35145A35.FC5519C2@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

I am putting together a web page (one page only) of links to various sources of test equipment. (Mfg., Dealers (new and used), (Accessories too!))

I have an ok list going now, but would like your input on your favorites. I want to make this as 'complete' as I can so we all can reference it for those "swap meet special finds" or "a friend has one of these....", Heck, I bet you would like to find a certain piece of test equipment or two to add to your shack. That's the kind of page I would like to put together.

So would you please send me the Mfg/Company and URL (if you know it) and I will put it all together. I will announce it's location when it is finished.

Thanks, 73 de Phil K6LS

Please reply direct. tnx

Date: Sat, 21 Mar 1998 19:26:25 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [6535] Re: NorCal K8FF Paddles Free to a Good Home
Message-ID: <01cf01bd5529\$2650ede0\$712c8118@6626hvt5p091.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

And the lucky winner of the Norcal K8FF paddle is.....

Arol Hill, N1WCC !

Here's the order in which responses were received...

- 1) Tim English, K8TJ
- 2) Lyn Williams
- 3) Tim Ahrens, W5FN
- 4) Bob, WA2HOQ
- 5) Ron Keener, WA0REE
- 6) Phil, K6LS
- 7) Chas, ?
- 8) Tim Pettibone, K5OI
- 9) Michael Forinash
- 10) Arol Hill, N1WCC ---> The WINNER!!!

Arol will be driving in his new, almost completely built K8FF paddle next week. Enjoy! Arol, Please send me your complete mailing address.

This was a lot of fun! Let's hope I don't get mid-way through Wayne's K2 transceiver and bored with it!

72/73,

-Paul, W9AC

Date: Sat, 21 Mar 1998 17:48:38 -0700 (MST)
From: ki7mn@dancris.com
To: sjolin@swbell.net
Cc: qrp-1@Lehigh.EDU
Subject: [6536] Re: Major changes to Field Day rules
Message-ID: <199803220048.RAA15875@user2.dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:40 AM 3/21/98 -0600, Dave, N0IT wrote:

First of all,

>many of those you now hear in rtty contests probably already participate
>in Field Day. It is no way clear that they will switch from SSB or cw to
>operating rtty for any significant period of time. Also since Field Day
>is a rate contest where dx is not worth that much, you should expect to
>find minimal activity down in the rtty dx subband (er. cw subbands -
>HI). The time spent on rtty will likely be spent near 7080 or 14080
>where they know they will be able to find some quick contacts before
>they return to cw or ssb.

>

>As far as the scoring scheme, I doubt that ever had anything to do with
>skill required. Increased weighting for cw and now rtty contacts is
>given to encourage use of those modes by more participants during the
>contest.

>

Sounds to me that the second paragraph tends to contradict the first paragraph.

I'm not gonna hold my breath, but I have enjoyed a few Field Days without
RTTY. Hope those days are not gone.

72,73

Bob KI7MN Norcal 1228, QRP-L 271, ARCI 8918, CQC 274, AKQRP 30

<http://www.dancris.com/~ki7mn>

Date: Sat, 21 Mar 1998 19:57:26 -0500
From: "Dan Wolfe" <n4roa@mounet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6537] Va. QSO Party
Message-ID: <9803220056.AA05777@ns.mounet.com>
Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello All,

I missed most of today's operation but plan on operating from now till 0500Z. It is now 0145Z. I will also be on from about 1300Z Sunday til 0200Z Monday morning. Just thought I would let you know in case someone needs Va. or the rare county of Scott. Will be operating QRP of course. Look for me on 50 khz above bottom of band and any who need a contact in Novice/Tech portion of band send me an email and we will see that you get a contact..Have fun..

73/72 de Dan, N4ROA

Date: Sat, 21 Mar 1998 18:20:31 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [6538] Looking for Mike Bryce
Message-ID: <351404EF.FF7D3923@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri for the bandwidth, but I've lost the address. Can anyone get me the e-mail address or phone no. for Mike Bryce, WB8VGE?

Tnx/72...Roger

--

72/73, de Roger, N7KT

Date: Sat, 21 Mar 1998 20:17:21 EST
From: N9DD <N9DD@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [6539] Re: NorCal K8FF Paddles Free to a Good Home
Message-ID: <32941e13.351466a3@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-03-21 19:33:58 EST, W9AC wrote:

<<

Arol will be driving in his new, almost completely built K8FF paddle next week. Enjoy! Arol, Please send me your complete mailing address.

This was a lot of fun! Let's hope I don't get mid-way through Wayne's K2 transceiver and bored with it! >>

Let's all hope he does!

Tom N9DD
South Bend, IN

Date: Sat, 21 Mar 1998 19:39:50 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: paulc@mediaone.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6540] Re: NorCal K8FF Paddles Free to a Good Home
Message-ID: <35146BE6.A446E51A@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

That was fun!

cuall

Tim W5FN

ps: Congrats Arol!!

Paul Christensen wrote:

>
> And the lucky winner of the Norcal K8FF paddle is.....
>
> Arol Hill, N1WCC !

>

Date: Sat, 21 Mar 1998 19:41:01 -0600
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-1@Lehigh.EDU
Subject: [6541] RE: RF probe voltage dependency
Message-ID: <3.0.3.32.19980321194101.006df024@molssun.ophth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

i had received serveral responses from the great elmers that inhabit this list on my question about the poor changing accuracy of an RF probe with voltage. again, we passed the very minimal QC requirement of noting that all the responses agreed with each other : they all agreed that it was a Wayne Greene conspiracy (with some reservations by W6TOY). Seriously, it was impressed on me that the non-linear nature of the ARRL, i mean of the voltage:current curve of diode, that caused the poor response at the lower voltage ranges. the consensus was: the RF Probe was not very good lower voltages, and should be used pretty much at 1 V RMS and above.

glad i got the scope. maybe an RF probe with an SMT amp built in would be a nice project?

you know, i could never figure out if Waynes insults about my profession (medical research) are just an act, or if i really should feel insulted. nah, i'm getting too rich holding back my findings on diseases that cause visual loss, to worry about that. at least we agree that we should all belong to the ARRL, even if we don't agree with it for everything.

--adam, n2brt

=====
Adam B. Kanis
adam-kanis@uiowa.edu
=====

Date: Sat, 21 Mar 1998 19:25:38 -0500
From: Tom Morgan <liveoak@sccoast.net>
To: "'qrp-1@lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [6542] 30M Beacon (kind of long)

Message-ID: <01BD550C.8B087E00.liveoak@sccoast.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

QRP-L, GSQRPS, Ladies and Gents, (people who only use 5,000 watts, hi,hi)

I'll be running a beacon tuesday (that's right, this tuesday, the 24th) on 30M at 10.110. I'll be starting off at 5 watts(oh, the shame!) then going to 2.5, then 1, then 0.5 . I'll be running each for 15 minutes (a total of an hour) from 3:00 (EST, so that would be... 0800 Z (correct me if I'm wrong, please)) to 4:00 (again EST, but you get the idea). (drumroll.....) for each level of wattage I'll issue a certificate. In each level, there will be a code name(and no I'm not going to tell you!) pertaining to that level. I will mention the wattage as well, but you must supply the code word to me to get the certificate. PLEASE!!!!!! DO NOT REPLY TO ME VIA THE SERVER (DUHHH) OR PUBLISH THE CODE WORDS IN ANY MANNER! Send me the following info (plus an SASE) if you want your certificate:

Name (as is to be on your certificate)

Call

Street Address (number too)

City

State

ZIP

Country (if US leave blank)

Code word for the wattage you heard

RST

So there you have it. Listen in, get the wallpaper for a halfwatt, and be happy.

Tommy Morgan AF4HK

P.S: If you happen to run across the code words published any where after tuesday, please alert me ASAP.

Tommy Morgan
404 Live Oak St.
Conway, SC 29527
liveoak@sccoast.net
(803) 248-5462

AF4HK
QRP-L #1272
"I came, I saw (and I did a beacon!)"

Date: Sat, 21 Mar 1998 19:55:16 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: ki7mn@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [6543] Re: Major changes to Field Day rules
Message-ID: <35146F84.E2F099C0@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ki7mn@dancris.com wrote:

>
> At 08:40 AM 3/21/98 -0600, Dave, N0IT wrote:
> First of all,
> >many of those you now hear in rtty contests probably already participate
> >in Field Day. It is no way clear that they will switch from SSB or cw to
> >operating rtty for any significant period of time. Also since Field Day
> >is a rate contest where dx is not worth that much, you should expect to
> >find minimal activity down in the rtty dx subband (er. cw subbands -
> >HI). The time spent on rtty will likely be spent near 7080 or 14080
> >where they know they will be able to find some quick contacts before
> >they return to cw or ssb.
> >
> >As far as the scoring scheme, I doubt that ever had anything to do with
> >skill required. Increased weighting for cw and now rtty contacts is
> >given to encourage use of those modes by more participants during the
> >contest.
> >
> >
> Sounds to me that the second paragraph tends to contradict the first paragraph.
>
> I'm not gonna hold my breath, but I have enjoyed a few Field Days without
> RTTY. Hope those days are not gone.

Hi Bob, guess we really won't know what the impact is until we have been through a couple of them and find out.

I don't think the two paragraphs are necessarily in conflict. I question how adding a rtty section is necessarily going to cause additional qrm to cw ops since most of the rtty contesters who spend any time operating during contests also operate in the cw and ssb contests. Guess it's my view that probably more than half of those operating rtty during the FD will also be operating cw and ssb. That being the case, they shouldn't be adding to the qrm level. If they are on rtty, they are not generating cw-cw interference. If they are on SSB they shouldn't bother cw or rtty.

I agree that ARRL contest rules for FD ought to limit the frequencies

where rtty can be used during FD. Similarly, they should ban FD cw contacts above say 7075 and 14070.

73 de Dave, N0IT

Date: Sun, 22 Mar 1998 02:03:54 -0600
From: tshilhanek@juno.com
To: qrp-l@lehigh.edu
Subject: [6544] SST mods
Message-ID: <19980322.020354.10118.0.tshilhanek@juno.com>

Has anyone put in the ABX modification into the SST transceiver with any success? I installed the modification in my SST with mixed results. It seems that the unwanted sideband comes through even with the 39mh installed in the circuit. I would appreciate if I could get some help with this problem. Thanks
Terry W0PFR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 21 Mar 1998 20:08:24 -0600
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-l@lehigh.edu
Subject: [6545] connectors for off-board componants
Message-ID: <3.0.3.32.19980321200824.00697c1c@mo1sun.opphth.uiowa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi all,

i'm looking to wire up some off-board componants (pots, switches, leds, etc) using some kind of pcbboard/header and wire/socket combo like some of the kit makers are using. 2 and 3 wires is mainly what i need. i'm kind of at loss looking at all the pages of "stuff" in the mouser and digikey catalogs. i'd like to keep the size relatively small, and would really like to keep away from things that require expensive special crimping

tools. any suggestions (brand and model numbers would be greatly appreciated) ?

--adam, n2brt

=====
Adam B. Kanis
adam-kanis@uiowa.edu
=====

Date: Sat, 21 Mar 1998 18:40:20 -0800
From: dave_epps@juno.com
To: qrp-1@Lehigh.EDU
Subject: [6546] HO-10 scope
Message-ID: <19980321.184021.6678.1.dave_epps@juno.com>

Anyone have a heath ho-10 scope in use in their qrp station?
dave ab5pc fresno,ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 21 Mar 1998 18:38:40 -0800
From: "D.K. Philbin" <dphilbin@slonet.org>
To: hb_elec@ids.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6547] RE: New 38-S: the 44-MAGNUM
Message-ID: <3.0.5.32.19980321183840.00824bf0@slonet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I will be happy to beta test!

D.K. Philbin
KD6TK
San Luis Obispo, CA

At 22:04 18/03/98 -0500, Bob wrote:
>At 10:15 AM 3/18/98 -0800, you wrote:

>>
>>On Tuesday, March 17, 1998 10:45 PM, Paul Harden [SMTP:na5n@rt66.com] wrote:
>>>
>>> The 44-MAGNUM 30M QRP kit -- the upgraded 38-Special
>>> (To be available summertime, 1998 - see below)
>>> -----
>>
>>Will there be a custom enclosure like the one for the original 38-Special ?
>>
>>72, Andreas, KF6NEB
>
>
>Andreas and gang,
>
>As of now we have not had the time to think about custom enclosures. But,
>with that being said I would think that a enclosure like the one made for
>the 38-S would be a possibility.
>
>Paul, Ori and I have been busy making sure that the 44 Magnum will be a
>great kit. One that will be around for many years, a staple if you will. We
>have been dedicating all of our resources to assuring that the 44 Magnum
>will be a well designed kit. As a matter of fact it has been under
>development for some time now. Paul, Ori and I decided up front that the
>design should take precedence over a time frame to have it available. Thats
>why we didn't announce it sooner.
>
>In a short time we will be looking for some beta testers. Any takers ?
>
>Bob - N1PWU
>-----
>Bob N1PWU - HB Electronics
><http://users.ids.net/~hb_elec>
>
>
>

Date: Sat, 21 Mar 1998 21:40:15 -0500
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: tpettibo@nmsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6548] Re: AK for where art thou?
Message-ID: <35147A0F.242C@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Did manage KL7CC but it was a QRO contact, I'm ashamed to say.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203	ARCI #9606
C.A.T.T #2115	FIST 2360	NORCAL	ARRL	

Date: Sat, 21 Mar 1998 20:50:02 -0600
From: jerrydeen@juno.com (Gerald A Huldeen)
To: qrp-l@Lehigh.EDU
Subject: [6549] Field day digital stuff (Kinda long)
Message-ID: <19980321.205003.6542.2.Jerrydeen@juno.com>

Hi gang-

I think it is too late to complain about digital modes this field day.
And, like most of our fears, it perhaps will not be as intrusive as anticipated.

It seems to me that since it seems to be a fact that it will be there, that we wait, listen, and then voice any complaints, suggestions, etc. to the ARRL, based on what actually did happen. And then, reasoned statements, rather than emotional.

No, I don't operate digital, but am considering it as another facet of ham radio that I can explore in qrp mode, just as soon as I can figure out how to wire an old Color computer 232 port to a mic jack.

Not to start or continue a flame war, just my 2 bits worth.

72,
Jerry WB0T
Sioux City, IA

BTW, thanks to all who were fox stations. I had more fun with that than I've had for years, and operated HF many more hours. You revived my interest in Hamming in general, and qrp in particular!

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 21 Mar 1998 22:36:49 -0500 (EST)
From: kd4zkw <kd4zkw@amsat.org>
To: Dave Sjolín <sjolin@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6550] Re: Major changes to Field Day rules
Message-ID: <Pine.LNX.3.95.980321223604.22836B-100000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 21 Mar 1998, Dave Sjolín wrote:

>
> I agree that ARRL contest rules for FD ought to limit the frequencies
> where rtty can be used during FD. Similarly, they should ban FD cw
> contacts above say 7075 and 14070.

^^^^^

And novice/tech cw ops do what ???

	Curtis D. Levin kd4zkw		kd4zkw@amsat.org		QRP-L #1488	
	cdlevin@dialisdn.com		http://www.dialisdn.net/user/cdlevin			
	kd4zkw.ampr.org [44.98.2.22]		Exp Ax25/Linux DPTNTv1.1a3			
	amprnet e-mail : kd4zkw@w4bkx.ampr.org					

Date: Sat, 21 Mar 1998 22:45:10 -0500 (EST)
From: kd4zkw <kd4zkw@amsat.org>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [6551] Feel bad not, 10M was open, but
Message-ID: <Pine.LNX.3.95.980321224037.22836C-100000@danial.dialisdn.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All latin stations. Seems that the propagation went to 126, and managed to skip our sigs right out into the ocean somewhere. I managed to pull in a Barbados, and worked Argentina. SSB for both. 25w SSB. Almost qrp, but not quite. Good thing too, most sigs were only about s2 here, for most of the day. What a weird band condition. Normally, I hear stateside traffic first, then latin america later in the afternoon. Latin America was there all day, but noone else was... at all. Weird. 73

```
-----  
| Curtis D. Levin kd4zkw      | kd4zkw@amsat.org | QRP-L #1488 |  
| cdlevin@dialisdn.com | http://www.dialisdn.net/user/cdlevin |  
| kd4zkw.ampr.org [44.98.2.22] Exp Ax25/Linux DPTNTv1.1a3 |  
|           amprnet e-mail : kd4zkw@w4bqx.ampr.org           |  
-----
```

Date: Sat, 21 Mar 1998 22:34:22 EST
From: N9DD <N9DD@aol.com>
To: QRP-L@lehigh.edu
Subject: [6552] RE:Connectors for off-board components
Message-ID: <3293deea.351486c0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-03-21 21:12:37 EST, adam-kanis@uiowa.edu writes:

<< i'm looking to wire up some off-board componants (pots, switches, leds, etc) using some kind of pcboard/header and wire/socket combo like some of the kit makers are using. >>

Buying this sort of thing onesey-twosey can end up costing you a lot. What I

do is use headers, connectors, and cable assemblies from junked VCRs. They are full of this sort of thing. You can get junked VCRs for free or next to nothing by just asking around.

Tom N9DD
South Bend, IN

Date: Sat, 21 Mar 1998 21:15:22 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: adam-kanis@uiowa.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6553] Re: connectors for off-board componants
Message-ID: <35142DEA.586D6A8D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Adam,

I use salvaged headers from old PC cards. If you're careful with the desoldering, they come free fairly easily. You can use the connecting cable assemblies from old serial ports.

--

72/73, de Roger, N7KT

Date: Sun, 22 Mar 1998 04:12:25 GMT
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-1@Lehigh.EDU
Cc: k1zz@arrl.org
Subject: [6554] Re: The Joy of Morse, April 1998 QST
Message-ID: <199803220412.EAA08031@chuck.dallas.sgi.com>

Gang,

I think that we all want to thank David Sumner, K1ZZ, for his points on Morse in the "It Seems to Us..." column in the latest QST.

I do tend to disagree with Dave on his comment in two paragraphs before the end. He makes note that we don't hear too much bad code

on the air. He seems to imply that this is an indication that there are fewer or almost no beginners on the air. I know that in the past few years I have run across kids in their teens that are doing 20wpm with perfect spacing and excellent operating procedures. They are out there, but not in large numbers.

There are a number of factors for the lack of poor ops on CW IMHO:

1. The training materials and computer based programs have done more in getting people started. These materials are doing a better job of preparing newbies for on the air operating than the old Instructograph and old vinyl records. Look at the MFJ Morse Tutor, the MM-3, the CMOS III, and the other keyers like the TIC-1 and -2. PIC based keyers abound within and outside of rigs. And the ARRL tapes and CDs.
2. The ARRL code sessions on the air and better and more stable receivers that hams and wanna be hams use help a lot.
3. The use of microcomputer based keyers, both internal and external, that aid in the sending of perfect Morse have done a lot to create more perfect code on the air. Keyboards are relatively cheap now.
4. There is always present the helping hand that reaches out and aids the new ham on the air when he or she is having difficulty. I have not heard a fellow ham get nasty with someone on CW that needed help. Someone will always jump right in and help them along. From the horror stories that I read in QST and other magazines and in various places around the Internet, this is not the case for the other modes of operation.
5. Organizations like FISTS and others are gaining numbers and doing positive things to continue the art and skill of Morse.

And the list goes on and on, like the pink bunny. :-)

And I do from time to time hear some bad operating practices, bad fists, etc. But it keeps improving on the bands. It always reminds me to do better and to do self-evaluation periodically.

Phyllis and I walked for three hours today for exercise. We walked all the way over to a model airplane C/L field more than 4 miles from the house. I saw and talked to Bob Gieseke of Nobler fame and national winner in C/L aerobatics many times at the AMA C/L Nationals. And I asked him the same question that comes up in any other hobby. "Do you see the average age increasing in model airplane circles?" (No pun intended here gang. :-)) And his reply was yes. And we all know why in this day and age we are having problems getting a large number of kids to get interested in any hobby that takes time, energy, and hard work. So it's not just amateur radio that is suffering with the low influx of youngsters.

We just have to keep working day by day to get others interested.
Keep offering the Elmering classes and they will come.

As a side note. This group has several times brought up the unbuilt kits in the closet note. Here is one for the group. I do have a Top Flight Gieseke Nobler in the box unbuilt. It still has the price tag of \$19.95 on it, 'cuz I just went out in the garage and looked to see how to spell Bob's last name. Now I will give this kit to the first person that comes up with two R/C plans for two 020 powered kits circa about 1968-1972. Email me for details. If you don't know the abbreviations used here you won't know what I'm looking for. :-) Please, no threads on model airplanes as it doesn't have anything to do with QRP, just used here to make a point on other hobbies and the lack of new blood over the past decade or more. Everyone on this group seems to have more than one hobby. :-) ;-)

Sorry for the long note.

FYI and cc: to Dave, K1ZZ
Chuck Adams K5FO Dallas,TX CP-60
<http://reality.sgi.com/adams> adams@sgi.com

Date: Sat, 21 Mar 1998 10:16:12 -0600
From: "Bruce Barley" <lbbarley@feist.com>
To: <qrp-l@Lehigh.EDU>
Subject: [6555] Info pls on unique mod to Ballantine Model 1040A o'scope
Message-ID: <199803220416.WAA05920@wichita.fn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I came home from the Green Country Hamfest - Tulsa, Okla. - last weekend (a really GREAT gathering of the clans) with a Ballantine model 1040A Oscilloscope with an option that is new to me... Info please, if you can. I'm waiting for a pair of probes to arrive.... And yes - of course - the party selling the scope had no manual available. So. Any info you can provide will be GREATLY APPRECIATED!

The option is identified as Mod 49 A/B.

A bit of background. This scope came through gov't surplus at one point in time as there is still a Federal Aviation Agency sticker on it. It's mate still had it's calibration sticker which had expired in 1995. So I guess

this one dates from about the same vintage. It's a dual trace /with dual horiz sweep. Nothing special here but there is an installed option that I haven't figured out. But, WOW! does it look interesting!

There is a panel on the top left rear with BNC connectors and slide switches. The switches are labeled:

- MODE: NORMAL/ VHF
- RANGE: 75MHZ/ LOW/ MEDIUM/ HIGH (108 - 148 MHZ)

The BNC connectors are labeled:

- VHF INPUT
- MARKER PULSE (1 Volt Max - 50 ohms)

There is a BNC connector on the rear marked:

- Y2 INPUT

On the back panel at the top of the scope (l/h side as seen from front) there is a knob marked:

- VHF TUNE

There are also a series of pin connectors marked:

- gnd
- Horizontal Test Points +
- Horizontal Test Points -
- A Gate
- B Gate
- A ramp
- Z mod

I'm familiar with dual trace scopes, but this one looks REALLY INTERESTING.
So ! WHAT DO I HAVE?

Thank you for taking the time to read this, and if you can provide me with any insight on what this puppy is really capable of doing, I'd be glad to hear from you. Please reply off-line, unless there's something that would be of particular interest to qrp-l. Thanks again.

Bruce KB0PZD qrp-l # 69
lbbarley@feist.com

Date: Sat, 21 Mar 1998 22:58:51 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: kd4zkw@amsat.org

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6556] Re: Major changes to Field Day rules
Message-ID: <35149A8B.6CD43983@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

kd4zkw wrote:

>
> On Sat, 21 Mar 1998, Dave Sjolín wrote:
> >
> > I agree that ARRL contest rules for FD ought to limit the frequencies
> > where rtty can be used during FD. Similarly, they should ban FD cw
> > contacts above say 7075 and 14070.
> > ^^^^^
> > And novice/tech cw ops do what ???

Last time I looked, Novice/Techs could not operate on 20 meters and only
7.1 to 7.15 on 40 meters. Perhaps I should have stated no cw between
7075 and 7100 khz. Sorry. 73 de Dave, N0IT

Date: Sat, 21 Mar 1998 21:06:20 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: Phil Rutledge <rut@mcrut.mv.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6557] Re: Bashing the League and Wayne
Message-ID: <Pine.SOL.3.96.980321210453.8342B-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 21 Mar 1998, Phil Rutledge wrote:

> Obviously, it's all part of the "vast *right wing* conspiracy"! :-)

Yep. And if you don't believe Phil, just ask that Hillasomething
gal up on some hill in DC. :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sat, 21 Mar 1998 21:19:46 -0800 (PST)
From: "David D. Meacham" <ddm@datatamers.com>
To: qrp-1@Lehigh.EDU
Subject: [6558] Re: K2 Unveiling at the NorCal meeting, April 5th
Message-ID: <Pine.LNX.3.91.980321211243.10234B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,
Last evening Stan, K4DRD, and I were treated to a look at the prototype
by Wayne. All I can say is that we were both VERY favorably impressed!
(We got to listen to it and spin the dial, too.) Believe me, it will be
worth the wait.
72, Dave, W6EMD

Date: Sun, 22 Mar 1998 00:16:52 EST
From: Shepherd <Shepherd@aol.com>
To: kc8dgu@postoffice.worldnet.att.net, qrp-1@Lehigh.EDU
Subject: [6559] Re: AK for where art thou?
Message-ID: <1b5c5713.35149ec6@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 3/21/98 9:46:55 PM Eastern Standard Time,
kc8dgu@postoffice.worldnet.att.net writes:

> Did manage KL7CC but it was a QRO contact, I'm ashamed to say.
Tom, and group.
If you worked KL7CC, (James Wiley) it could very well be a bootlegger. I
worked him a few months ago on the Novice portion of 40M and sent a QSL. I
looked up his E-Mail to confirm our QSO, and was heart broken when he replied
that he rarely works 40M or the Novice bands. He went on to state that someone
has been using his call for a few years now. You might want to drop him an E-
Mail to make sure it was him, his E-Mail address is: jwiley@alaska.net

Tom, I hope it was a good contact. I did not hear any Alaska stations today.
:-)

72, 73
Dan, N8VZU
QRP-L #1404

Date: Sat, 21 Mar 1998 23:27:22 -0600
From: "George T. Baker" <w5yr@swbell.net>
To: n7kt@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6560] Re: e-mail addresses on-line
Message-ID: <3514A13A.9E2927CE@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And QTH!

Roger Hightower wrote:

>
> I agree. Another thing I would like to see is that every posting to
> this list contain the callsign (if issued).
> --
> 72/73, de Roger, N7KT

--
72/73, George
Amateur Radio W5YR
QRP-L #1373
QRP ARCI #9583
AutoPOWER Systems
Fairview, TX

Date: Sun, 22 Mar 1998 01:34:17 -0500
From: "duane" <duane@flinet.com>
To: "qrp-l group" <QRP-L@Lehigh.EDU>
Subject: [6561] o-scope
Message-ID: <01bd555c\$89d91760\$0d180ed0@ab4be.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a chance to buy an O-Scope it is an NLS model MS-215 miniscope dual trace. Does any one know anything about this model ? what is the bandwidth ? where to get a manual ?

thanks duane AB4BE QrpL#710
duane@flinet.com

Date: Sun, 22 Mar 1998 02:14:22 -0500 (EST)
From: Scott Bauer <ke3nv@erols.com>
To: qrp-l@Lehigh.EDU
Subject: [6562] FM stereo receiver kits?? not qrp, sorry
Message-ID: <199803220714.CAA05941@smtp1.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I wonder if anyone knows of a kit manufacturer that sells high quality stereo receivers for the FM broadcast band?? If so, I would love to here about it. Im currently using a Hafler amp and pre-amp that are built from kits and would like to build a good receiver to compliment the homebrewed amps. I am also interested in buying old tube amps that are of high quality.

By the way, I did not build the amps but wish I had. They sure do sound great.

Sorry about the non qrp posting.

Scott, w3cv

Date: Sun, 22 Mar 1998 02:39:10 -0500
From: Tim English <tje@usol.com>
To: qrp-l@Lehigh.EDU
Subject: [6563] FS: Batteries for QRP Rigs
Message-ID: <199803220742.CAA07554@bsdi.customweb.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here is my latest inventory on gel cell batteries with some new LOWER prices than in the past. First of all the used cells are used in burglar

alarm systems as backup power and are replaced every 3 - 5 years as preventive maintenance whether they are bad or not. All cells I sell I guarantee to "up to snuff" and each has been load tested. The used cells should provide another 2 -3 years of solid usage. The 6 and 7 AH cell measurements are: 6 inches long, 2 1/2 inches wide and 3 3/4 inches tall with 1/4" color coded spade lugs on the top. Most are manufactured by Yuasa for Radionics INC but there are also some Interstates, Power Sonics, Yuasa and Rocket brands. Here is what I have on hand currently. All prices INCLUDE priority mail shipping.

1 used - 12VDC 6AH gel cells --- \$10 SHIPPED CONUS
5 used - 12VDC 7AH gel cells --- \$12 SHIPPED CONUS
1 used - 12VDC 4AH gel cell --- \$8 SHIPPED CONUS

I accept personal checks and money orders, NO credit cards.
If you want one email me quickly as they will go very fast and I will set one aside. If payment is not received within 10 days I will assume you have changed your mind and will make the cell(s) available to someone else.

--

Tim, K8TJ

Date: Sat, 21 Mar 1998 23:40:53 -0800
From: "L.Svec,W.Burdick" <svecbrdk@well.com>
To: qrp-l@Lehigh.EDU
Cc: ddm@datatamers.com, qrpbob@datatamers.com, ki6ds@telis.org, wager@juno.com, erics@cruzio.com
Subject: [6564] SM caps -- not! And a bit on the Sierra design...
Message-ID: <v03102800b13a67f09216@[206.169.228.74]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

The NPO ceramic and COG caps I specified for the Wilderness Sierra have a very decent dissipation factor, measured at .005 to .001, which translates to a Q of 200 to 1000. Yes, S.M. caps are more consistent: in my experience, usually around Q=700+. COG-rating caps are typically better than NPO ceramic disc.

However, even a capacitor whose Q is at the "low" end of this range (200) is *not* going to make a noticeable dent in the output power, as Dave Fitfield reminded us recently. Just to convince myself of this, I have on

many occasions replaced 5% NPO or C0G caps with S.M. and -- true enough -- no difference in power output. (Exception: you may just happen to find a cap that is closer to the optimal value for a particular filter.)

Now I *did* use some low-Q caps on the original NorCal (club project) Sierra; they were 10%, high-K units, definitely to be avoided as they have Q's as low as 40 and wider capacitance tolerance. This was my mistake, corrected on the very first Wilderness run. Always stick with 5%, NPO or C0G, and watch the voltage rating.

If you have a Sierra and want more power output, you have a few choices. You might follow my suggestions in the manual, especially the two easiest: (1) increase supply voltage; (2) replace the output choke with a 2:1 transformer wound on the same core. You can also experimentally stretch or squeeze toroid windings in the low-pass filters--just check your work with a spectrum analyzer, because you may compromise the return loss or spectral purity of the signal by doing this. (On the other hand, you may make it better. Toroids seem to have as much as a 10% swing in permeability, and that's *before* everyone winds them their own way :)

As I've pointed out before, the Sierra is designed to meet cost, size, and ease-of-construction goals, and therefore does not have a complicated transmit strip. I designed for the 2-3 watt level at 20 meters. Power output is usually higher than this on the lower bands, lower on the higher bands. Of course the S/N ratio is typically higher on the high bands (because they're usually quieter), so you might consider the lower power and reduced current drain as a feature for portable operation :)

But if you really want a 5-watts-on-all-bands Sierra with no tweaking, you'll have to re-design the transmit strip. I have built such a strip on a protoboard; it takes about 30 to 40% more parts than the existing transmitter design. (It won't fit in the same space without doing something I have sworn NEVER to do to the kit builders of the world, some of whom have marginal vision, and that's use surface-mount parts.)

Basically, what it requires is more gain stages, each with feedback, resulting in a more "level" frequency response from 2-30Mhz. It's also helpful to include ALC or some way of automatically controlling power output in response to load or drive changes. You also have to be very careful not to cause problems with excess in-the-box radiation near sensitive circuits. Again, this would be difficult at the Sierra's size and price point; you'd probably have to add either a small additional PCB or some shielding.

Have fun,

waYne,
N6KR

n6kr@elecraft.com
-- or --
svecbrdk@well.com

Date: Sun, 22 Mar 1998 09:04:16 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [6565] K8FF paddle <> looking for wide arms
Message-ID: <19980322.090730.9038.1.pmk@juno.com>

Any one frustrated or don't like the wide spaced paddles ?
I would be glad to make a trade for the new skinny ones .

These were polished on a buffer from a chroming shop
and look really nice. I didn't round the ends.

72/73 de Patrick KD4OBQ

AR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 09:07:29 +0000
From: pmk@juno.com (Patrick M Kvitkauskas)
To: qrp-1@Lehigh.EDU
Subject: [6566] JUNO ???
Message-ID: <19980322.090730.9038.2.pmk@juno.com>

Hate to bring this up here.

I missed the post about JUNO and there automatic signature.

I need to get rid of it. It is real annoying as you will see at the end of this message.

Thanks es 72/73
de Patrick KD4OBQ

AR

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 06:32:12 -0500
From: "Paul Christensen" <paulc@mediaone.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6567] Re: W9AC's Norcal K8FF Paddle Givaway
Message-ID: <036e01bd5586\$289b7fe0\$712c8118@6626hvt5p091.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who did not receive or glance at my previous post, the lucky winner of the K8FF paddles is none other than Arol Hill, N1WCC of West Springfield, Mass. Thanks to all who participated!

-Paul, W9AC

Date: Sun, 22 Mar 1998 09:28:13 EST
From: K4NK <K4NK@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [6568] Hamfest QRP Forum
Message-ID: <80632bca.35151fff@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello Again;

Everything is coming along fine for the QRP Forum at the Upstate (South Carolina) hamfest held in Anderson ,S.C. on May 9th . The forum will be held from 9am till 11am and we have three speakers. I have a new flyer if you think you can attend I will send you one. Now for new info...the official hotel will be the Holiday Inn in Anderson and I have info that two of the speakers will be staying there. W3RDF and AA4XX, I will be meeting with them for a nice supper on friday evening and welcome any one who comes in early to join us. I have not had many ask for info on the luncheon following the hamfest, I am hoping to have a count by april 25th. so think about it.I have several more door prizes and these will be presented at the forum. I have had word that maybe the Knightlites will have SMITES for sale at the forum. Need more info...contact me .

72 Les K4NK

Date: Sat, 21 Mar 1998 10:47:04 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: radios@elecraft.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6569] Re: K2 Unveiling at the NorCal meeting, April 5th
Message-ID: <3513EF08.BDDCF14@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a GOOD sign!! One of the designers is still having FUN!!!

cuall

Tim W5FN

> This is the most fun I've had since I wired ten discrete parts together and
> put a 200mW signal into L.A. from San Diego--back in 1974!
>
> 72/73,
> Wayne
> N6KR

Date: Sun, 22 Mar 1998 09:33:17 -0500
From: "Paul Christensen" <paulc@mediaone.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [6570] Galbraith QRP Paddles
Message-ID: <004201bd559f\$74b4aa00\$712c8118@6626hvt5p091.se.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have received several inquiries about my Galbraith Project QRP Paddles.
Here's where to find more information:

<http://www.nzart.org.nz/nzart/branches/chch/branch05/paddle.html>

-Paul, W9AC

Date: Sun, 22 Mar 1998 09:57:16 -0500
From: n1wcc@juno.com (Arol b hill)
To: qrp-l@Lehigh.EDU
Subject: [6571] W9AC'S NORCAL K8FF PADDLE GIVAWAY
Message-ID: <19980322.095717.4670.0.N1WCC@juno.com>

Hi All

I'd like to publically thank Paul W9AC for the paddle contest, it was a lot of fun.. Did'nt think i'd actually win just took a shot and boy was i surprised when i saw my name and call come up.. these paddles will be the perfect compliment to the ohr sprint 2 40meter that i'm building this weekend.. Now i'll have the incentive to upgrade my license currently at Tech level but quite frankly have lost interest in voice communications... Reading the qrp-l list on a daily basis has boosted my cw interest to well over 100 %.... Hope to be on 40 real soon...

It's snowing here in ma. a perfect day for project building..

72's

Arol N1WCC

QRP-L member #1471
ARS No. 346.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 09:52:43 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Shephed@aol.com" <Shephed@aol.com>, "Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [6572] Re: AK for where art thou?
Message-ID: <199803220959_MC2-3791-2A0@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Dan:

Got in late from a business conference. Fired up the Yaesu FT-900CAT to the GAP Titan DX. I heard very little activity on bands above 40. Even 40 was not promising. But suddenly I heard KL7G and got him right away. He was not very strong then, but within 30 minutes was 569/579 w/light QSB. Did not hear any more AK at all. Hmmmmmm.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 ar/qrp 73 hi/qrp 30 ARCI 9398 CQC 29305
ARRL DXCC 143/85 Grid EN34 <>< FOXes 3/18/98 = 37. A 1997/98 FOX.

Omni V Corsair I Yaesu FT-900CAT Icom 730 Wilderness Sierra
49er SW-40 Mercury Paddles Schurr Paddles Emtech ZM-2 MFJ 259
MFJ 941D Matchbox GAP Titan TNT/2 Windom SLV/W6MMA G5RV
Timewave 599zx RS DSP-40 OHR SCAF

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Sun, 22 Mar 1998 10:48:50 EST
From: NT1R <NT1R@aol.com>
To: tentec@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [6573] FS:TT 525D, 705, 234
Message-ID: <78e9735d.351532e5@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am posting this for Brad, W1VX. DO NOT E-MAIL ME THANKS. Brad has an Argosy II (with every available internal option) in MINT condition for \$450. Price includes P/S and manuel. He also has a TT 705 mic (\$50) and TT 234 speech processor w/o mic (\$25), both in mint condition. Call Brad in N.H. at 603-224-5737

Date: Sun, 22 Mar 1998 06:30:57 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: adam-kanis@uiowa.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6574] Re: connectors for off-board componants
Message-ID: <QusAd0AhALF1Ew1w@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <3.0.3.32.19980321200824.00697c1c@molsun.opthth.uiowa.edu>,
"Adam B. Kanis" <adam-kanis@uiowa.edu> writes
>hi all,
>
>i'm looking to wire up some off-board componants (pots, switches, leds,
>etc) using some kind of pcboard/header and wire/socket combo like some of
>the kit makers are using. 2 and 3 wires is mainly what i need. i'm kind of
>at loss looking at all the pages of "stuff" in the mouser and digikey
>catalogs. i'd like to keep the size relatively small, and would really
>like to keep away from things that require expensive special crimping
>tools. any suggestions (brand and model numbers would be greatly
>appreciated) ?

The small Molex connectors can be used without a crimping tool if you squash the crimp on the wire with a pair of pliers and then solder the connection.

Alternatively, you could use single in-line turned pin sockets and headers, and just solder the wires to the header pins. You can break off as many as you need. They are made by Harwin, and are in the Farnell/Newark and Maplin catalogues.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Sun, 22 Mar 1998 08:56:08 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6575] Paddle and Tick
Message-ID: <35153498.4A6F@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Fellow QRPers!

I just installed a Tick-1 in a Winterook MK-33 paddle and am having a ball! The entire unit is self contained, and only weighs a few ounces. Am using a lithium battery and trying to see how long it will last.

This is a neat addition to the portable operation out backpacking.

72, Tom WB5QYT

Date: Sun, 22 Mar 1998 09:27:59 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-1@Lehigh.EDU
Subject: [6576] Items for sale
Message-ID: <3514D99F.8DACA616@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gotta make some room on the operating bench.

OHR-400, 20-30-40-80M, internal keyer, with DD-1 digital counter.
\$275.00.

NorCal 38 Special, built, 5W mod, no keyer, works FB. \$45.00

NorCal 38 Special kit, includes all off-board components (knobs, switches, antenna connector, etc.) with parts for the 5W mod. \$40.00

I'll pay the shipping.

--
72/73, de Roger, N7KT

Date: Sun, 22 Mar 1998 10:30:37 -0600 (CST)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU, KJBRASSO@aol.com, bcrow@carte.net, k1pig@aol.com,
k1lgq@dennis.mv.com
Subject: [6577] RE: rule changes to field day?
Message-ID: <199803221630.KAA06635@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:

All of life is change, even qrp... Remember the argument over 5 watts input - or 5 watts output... even now there are rumblings of true qrp starting at 100mw...

I think that sometimes a change is needed, if for no other reason than to show, new and old alike, that something different works or does not work better... or makes no difference... straight key... bug... electronic keyer...

Generally there is some joy for most anyone in change, if they give it a try... if no other joy than "I told you so"...

I think we should give the proposed changes a try and see if joy is to be found in them... CW or nothing... rtty or nothing... qrp or nothing... ssb or nothing... 1.5kw or nothing... are very narrow minded views and tend to limit a person, rather than expand their horizons...

If one is dead set against any changes, then one needs to join the organization that has the muscle to make changes... but then, that would be a change right there... wouldn't it!!!

If one wants to get the "fullness of life" available in "Amateur" radio I think that one needs to try new or different "things" radio and communication have to offer... otherwise the definition of amateur radion becomes a "one liner"... A True Ham is.... Amateure Radio is.... A real Contest is...

A Real Field-Day is...

I think amateur radio is a "rainbow" and my favorite part of it is only one of the many colors in it...

Let's not lose sight of the "rainbow" or the joy the different colors bring to different people... "we" are not "alone", or "singular" in our enjoyment...

God Bless
Joel

God Bless
Joel

WA5CVM
Joel Denison
PO BOX 542
Strong, Maine 04983
jdenison@morelr.com

Gentlemen don't Cry, They QSY :-)
Gentle Lady (RC Sail Plane)(049 engine - start)
40 mtr loop up 50ft
QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
AK/QRP 109

Date: Sun, 22 Mar 1998 11:31:26 EST
From: NT1R <NT1R@aol.com>
To: tentec@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [6578] SOLD: TT #234
Message-ID: <4c449d72.35153ce1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Brad asked me to report the ten tec 234 processor has been sold. Thanks

Date: Sun, 22 Mar 1998 11:42:30 -0500
From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@Lehigh.EDU>
Subject: [6579] FS: Dummy Loads/ SkyTec speaker
Message-ID: <00aa01bd55b1\$821f3ea0\$2f765acf@timcook.erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have 2 dummy loads for sale. these were offered a few months ago on this list by a friend. I have a couple that I will sell for \$30 each or \$50 for the pair.

They are the military dry loads.
model DA-437/GRC-103 (V)
3" square
100W
good to 1 Ghz
with an 18" adapter cable with PL-259 on one end.
exc condition

SkyTec CW Speaker in fair to good condition. the small narrow black tape

that goes around the base is coming off. It works great though. Sell for \$25

Would trade all the above for a 40M single band qrp of some type.

Please email if you are interested.

thanks

Tim

NZ8J

Date: Sun, 22 Mar 1998 12:04:42 -0500 (EST)
From: "L. Jeffrey Hetherington" <jhetheri@npiec.on.ca>
To: Multiple Recipients of List <qrp-l@Lehigh.EDU>
Subject: [6580] SST Experiences? (fwd)
Message-ID: <Pine.SGI.3.96.980322120326.23276B-100000@nev.npiec.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello All.

I didn't see this when I posted it the first time, so I'll send it again. My apologies for the extra bandwidth if it did indeed go thru and I just missed it.

Having given a QRP related talk to the local club last month, I was approached this month by a local ham carrying a clipping from CQ about the SST. He was looking for my opinions of the rig, and any experiences I might have had with it.

Unfortunately, I have not got any experience with this particular offering from Wilderness Radio. Is there anybody that wouldn't mind putting their experiences into an email to me, so that I may pass them along?

This particular ham has a HW-8, and is experienced at building and operating QRP ... the SST right-up caught his attention.

Many thanx.

Jeff - VA3JFF

=====
L. JEFFREY HETHERINGTON
Niagara Falls, Ontario, Canada
E-mail: VA3JFF@rac.ca

Date: Sun, 22 Mar 1998 11:36:47 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [6581] KD1JV Spectrum Analyzer Scope Adapter
Message-ID: <351A2DFAE256D111883A0060B06B16624D7C6D@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Now that Fox Hunting season is over, I'm finally ready to build my SASA.

I'd like to ask for input from those of you who have already built yours.

What observations do you have, suggestions to try, hindsights?

Any inputs will be appreciated. If there are any changes to make, I'd prefer to do them before construction rather than after.

72, Bob N6WG

Date: Sun, 22 Mar 1998 12:38:37 EST
From: NT1R <NT1R@aol.com>
To: tentec@contesting.com
Cc: qrp-l@Lehigh.EDU
Subject: [6582] Sold: Ten Tec Argosy II
Message-ID: <b42f300e.35154ca0@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The Argosy II has been sold. Thanks

Date: Sun, 22 Mar 1998 11:35:57 -0700 (MST)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [6583] SIERRA VFO MOD

Message-ID: <199803221835.LAA01180@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I modified my Sierra output circuit because after hours of tweaking I could not get 2 watts on any band, and .5 watts was the peak above 20mtrs. I know I was not alone by the responses I received when I put my easy mod on the list which increased power to 3watts at 10mtrs to over 5watts on 40 and lower with no loss of spectral suppression. I use my Sierra extensively and noticed that after many hours the VFO drift would amount to as much as 800hz, Indoors with cover on. This was not a serious problem, as no one had to chase me around the band as with some other rigs I have. However, this makes the display(KC2) incorrect. Also want to use outdoors where temp varies alot, especially here in Montana. So I got out Doug DeMaw's Design Notebook and read on VFO design. This led me to replace C53, the only silver mica cap in VFO circuit to a polystyrene cap of same value. Tested four days in the garage with temps from 6deg. to 65deg when heat turned on . Less than 100HZ of drift so far. Your results may vary, worked for me. 72, Roy AB7CE

Date: Sun, 22 Mar 1998 11:51:15 -0600
From: Mike - WOTMW <crucis@sky.net>
To: w5yr@swbell.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6584] Re: e-mail addresses on-line
Message-ID: <35154F93.69719C29@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Been there done that! :-)

Mike - WOTMW

George T. Baker wrote:

>
> And QTH!
>
> Roger Hightower wrote:
> >
> > I agree. Another thing I would like to see is that every posting to
> > this list contain the callsign (if issued).
> > --

> > 72/73, de Roger, N7KT
>
> --
> 72/73, George
> Amateur Radio W5YR
> QRP-L #1373
> QRP ARCI #9583
> AutoPOWER Systems
> Fairview, TX

--

=====
Mike Watson, W0TMW, QCWA Mbr # 28651, Chap. 35
Raymore, MO USA Grid: EM28st
<http://www.sky.net/~crucis>
E-mail: crucis@sky.net ARS# 352, QRP-L# 1489
=====

Date: Sun, 22 Mar 1998 11:59:14 -0700 (MST)
From: marion@montana.com
To: qrp-l@Lehigh.EDU
Subject: [6585] Sierra Pwr mod
Message-ID: <199803221859.LAA02978@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Sat, 21 Mar 1998 12:25:36
>To: qrp-l
>From: marion@montana.com
>Subject: Sierra Pwr mod
>

> Got so many requests on this, Putting it on the list.
Change the rf choke feeding the collector of the final(L10) to a 4 to 1
impedance ratio transformer. I used the same core material, -43, as the
original choke, but used a 0.5 instead of a .37 inch diameter core. Wind
with 12 bifilar turns of #24 wire. Form a center tap by connecting the
start of one winding to the end of the other winding. Connect the tap to the
finals collector. Connect one of the other ends to the 12volt line and the
last lead to the input of the low pass filter. I installed in same location
as old choke. One lead to C46 on top side left lead as viewed from front of
rig. Center tap to hole for collector trace. Other lead to hole near C45.
IMPORTANT: installing in original position as I did requires cutting the
trace at C46 to collector, isolating C46 only.
You can use a MRF237 and sink it in original position. I used a RCA SK9618,
which has the emitter as the center leg and mounting tab. Since the final has

emitter to ground, no insulator is needed to heat sink directly to back of cabinet with a little heat sink paste. There is a convenient ground at PCB to solder emitter to, so only two leads are needed to go to base and collector. The MRF237 will run hot, but you can beacon with the SK9618 and maybe gets warm. I used a 500ohm pot to the rear panel, to replace the drive control as described in the Sierra manual. I notched a hole big enough for the two wires to it to run under the board. I ran the two transistor leads on top. You will need this control to back off of 6 to 7 watts on 160,80 and 40 meters, or to run at low current levels. With control peaking drive at about 90% I get 3 watts out on 10 and 15 meters and 4 watts on 20 and 30 meters. All band modules original. The SK9618 is the RCA replacement for MRF260. Also ECG342. Same specs all around, but got SK for \$4.25.

72 Roy, AB7CE

>

Reposting this as four requested.

Date: Sun, 22 Mar 1998 13:14:55 -0500
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: Shephed <Shephed@aol.com>
Cc: qrp-l@Lehigh.EDU
Subject: [6586] Re: AK for where art thou?
Message-ID: <3515551F.77B6@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dan,

Thanks for the info. Did work him on 20 though and he is supposed to be involved with the Alaska contest. Will see when I QSL.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364 SCI #1479 QRP-L #945 ARS #203 ARCI #9606

C.A.T.T #2115 FIST 2360 NORCAL ARRL

Date: Sun, 22 Mar 1998 12:15:09 -0600
From: "Bruce Williams - N9JCV" <n9jcv@wwa.com>
To: <grp-1@Lehigh.EDU>
Subject: [6587] Spring cleaning Sale - Misc
Message-ID: <01bd55be\$72bd55c0\$993ef1cf@WWA.wwa.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_0030_01BD558C.2822E5C0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0030_01BD558C.2822E5C0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

If you are not interested in items for sale, PLEASE DELETE THIS MESSAGE =
NOW!

I have the following for sale. All prices include shipping. Buyer to =
prepay by Bank check or Money Order. I will wait for the check to clear =
and then ship the items.

Palomar Engineers R-X noise bridge - useful for antenna work and =
building qrp radios and adjusting tuned circuits. Very nice condition, =
no scratches. Complete with Operators manual that includes many, many =
uses. \$45

Heathkit Solid State Dip Meter HD-1250. MINT condition. Includes =
carrying case, and 7 coils. Sorry I dont have the manual. Again, this =
is in excellent condition! \$70.

email responses to n9jcv@wwa.com
Bruce Williams

-----=_NextPart_000_0030_01BD558C.2822E5C0
Content-Type: text/html;
 charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

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<META content=3D'"MSHTML 4.71.1712.3"' name=3DGENERATOR>

</HEAD>

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<DIV>If you are not interested in items =
for sale,=20

PLEASE DELETE THIS MESSAGE NOW! </DIV>

<DIV> </DIV>

<DIV> </DIV>

<DIV>I have the following for sale. < =
All prices=20

include shipping. Buyer to prepay by Bank check or Money =

Order. I=20

will wait for the check to clear and then ship the items.</DIV>

<DIV> </DIV>

<DIV>Palomar =
Engineers R-X noise=20

bridge - useful for antenna work and building qrp radios and =
adjusting=20

tuned circuits. < Very nice condition, no scratches. < Complete =
with=20

Operators manual that includes many, many uses. < \$45</DIV>

<DIV> </DIV>

<DIV>Heathkit Solid =
State Dip=20

Meter HD-1250. < MINT condition. < Includes carrying =
case, and 7=20

coils. < Sorry I dont have the manual. < Again, this is in =
excellent=20

condition! < \$70.</DIV>

<DIV> </DIV>

<DIV>email responses to <A=20

href=3D"mailto:n9jcv@wwa.com">n9jcv@wwa.com</DIV>

<DIV>Bruce =

Williams</DIV></BODY></HTML>

-----=_NextPart_000_0030_01BD558C.2822E5C0--

Date: Sun, 22 Mar 1998 14:23:03 -0500 (EST)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [6588] CW, RTTY, Balanced Hams...
Message-ID: <Pine.LNX.3.93.980322135025.500K-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I read Joels message about the "rainbow" of Amateur Radio and just had an experience that made me stop and respond to it. Joe posted a while back about spending more time with the harmonics, etc, etc. Lately, the YL and I have both been doing the 80 hour/8 day week thing, and today I "have" to babysit the little one while she is <surprise> at work. I was working on the DK3 paperwork (keeping 63 requests straight generates paper, and I promise to update the group today!) and had just read Joel's message when my daughter asked me to color with her. I knew I should work on my taxes, the DK3's, bills, honey-do's, but knew I *must* spend more time with the little ones. So we sat down and colored...

And it hit me, Amateur Radio is like a new box of crayons. Remember that feeling? It wasn't about what you needed them for, or how you got them, but what you *could* do with them. I'm sure most of us are not the artists we aspired to with that first eight pack, but there were so many things we *could* do. Just like QRP, CW, RTTY, Homebrew, Appliance Ops, Contesters, DXers. That's where I think the fun is in "playing radio", most of us will never do it all, but we *could*. Compare the feeling of opening the package on that new super kit to your first sixty-four pack of Crayolas... about the same, huh?

Well, nap time is almost over and I've drifted about as far from QRP as you can get. But we unix-geek-engineering-types only get these flashes of insight into real life once in a great while and it seemed semiprofound at the time. Thanks for the BW es 72

"Life's too short, so stop and smell the Crayons..."

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 28/13(w/c) | http://dns.vidtel.com/~ccart --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? NJ-QRP #105 LIQRP #???? MDmW #5 --

Date: Sun, 22 Mar 1998 11:23:01 -0700 (MST)
From: Paul Harden <pharden@aoc.nrao.edu>

To: duane <duane@flinet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [6589] Re: o-scope
Message-ID: <Pine.SOL.3.91.980322110229.1893A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 22 Mar 1998, duane wrote:

> I have a chance to buy an O-Scope it is an NLS model MS-215
> miniscope dual trace. Does any one know anything about this model ? what is
> the bandwidth ? where to get a manual ?

These were "cute" little portable scopes of late 70's/early 80's vintage. We bought several at the observatory back when ... sure easier than hauling a Tektronix 475 up one of those antennas when you had simple measurements to make. And at the time, about the only battery operated scope, and allowed you to make "quiet" measurements without AC noise.

I HAD** a couple I've picked up at hamfests. They go cheap because when the internal NiCads go bad, it shorts out the power supply, so it won't work even with the charger. So it's sold as "dead." Buy it, open it up and there are 3 big round batteries in it. Disconnect the two wires that go to the batteries, put a 12v wall charger on it, and wallah ... you've got a scope.

** I say HAD above because it was one of my NLS scopes that was ripped off at the Ft. Tuthill Hamfest at Flagstaff last year. This guy doesn't also happen to have an Elenco signal generator, tool box in a US NAVY zipper bag, a 38-Special, 20M SST and a bunch of NA5N Data Books does he?

The bandwidth is about 5MHz, but I can resolve 7MHz on mine at reduced gain. It's not a bad little scope, but wouldn't pay more than \$50 for one. They were made by NLS ... Non-Linear Systems ... and do kinda live up to their name -hi.

GL, Paul NA5N

Date: Sun, 22 Mar 1998 11:34:10 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [6590] Re: Items for sale
Message-ID: <3514F732.47C6E916@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The OHR-400/DD-1 and the built 38 Special have been sold.

--

72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Sun, 22 Mar 1998 10:25:45 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [6591] SST
Message-ID: <19980322.103517.6678.3.dave_epps@juno.com>

In response to the post asking for info on the SST

I recently built a 40 mtr SST and am totally satisfied with it.
The webpage will tell you all about it.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 10:35:14 -0800
From: dave_epps@juno.com
To: qrp-l@Lehigh.EDU
Subject: [6592] parts fm vcr's
Message-ID: <19980322.103517.6678.4.dave_epps@juno.com>

I have read articles about usinging torches, bbq's etc for salvageing parts from old pcb's.
I just used a hot-plate (spiral element kind) to heat the bottom of the board
and the components came out better than I expected.
The large switches, plugs, headers etc. also were salvaged.
Next time I plan to use a cast iron skillet on the hot-plate to distribute

the heat more evenly.
dave ab5pc fresno, ca.

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 13:58:01 EST
From: GERALDCUND <GERALDCUND@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [6593] Re: AK for where art thou?
Message-ID: <2bb64ca8.35155f3e@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I finally worked KL7G on 40m. I had to work him QRO 50w though. Tried for an hour at 2.5w with no success. If he QSLs that will finish my 40m WAS CW.

Gerald,KE4LIA

Date: Sun, 22 Mar 1998 08:43:37 -0500
From: Tom Morgan <liveoak@sccoast.net>
To: "'joel malman'" <malman@world.std.com>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [6594] RE: beacon on 30m
Message-ID: <01BD559D.C8DD1380.liveoak@sccoast.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

sorry, like I said, correct me if I'm wrong.

That's 3:00PM EST, so it would be 2000 Z to 4:00PM (2100 Z)
I guess I did leave some info out. My location is Conway, SC. If you desire a certificate, reply to my private e-mail address first and I'll send you my street address after verifying code words and anything. That way, you just send the SASE by snail-mail.

Tommy
Joel, this is going to the group as well.

-----Original Message-----

From: joel malman [SMTP:malman@world.std.com]
Sent: Saturday, March 21, 1998 8:56 PM
To: liveoak@sccoast.net
Subject: beacon on 30m

Tom,

> from 3:00 (EST, so that would be... 0800 Z

Ahem. You are going to run a beacon to 30 meters starting at 3am EST?
I assume that since it is < 10 meters it will be an attended beacon.

I guess I will have to pass on this beacon ... I'll be sleeping.

gl and 72,

/jorl wa1qvm

Date: Sun, 22 Mar 1998 14:12:15 EST
From: sigcom@juno.com (Stephen M Smith)
To: qrp-1@Lehigh.EDU
Subject: [6595] Re: o-scope
Message-ID: <19980322.111133.8167.0.sigcom@juno.com>

Duane,

The NLS-215 is a good little portable for general purpose use. It doesn't have very wide bandwidth (5 to 7 MHz or so) but the nice thing about it is that it will fit inside a tool box and is as handy as a Simpson 260 VOM. I've carried one for years.

Make sure that the unit is functional before you buy. I am fairly certain that the CRT is no longer available as a replacement item. The Gates Cyclon lead-acid batteries that power it are still available, although Gates got bought out by some other company. I bought a replacement set for my 215 about a year ago from the local electronics emporium.

If you don't get the original NLS wall wart charger with the unit, be careful. You -must- have the proper voltage charger, otherwise you can cook a transistor on the power supply board when charging the batteries (ask me how I know). If you get the scope and need to know the proper

voltage for the wall wart, e-mail me (I'm too lazy right now to go out to the shack and look).

Sorry, but I don't have a manual or schematic, but I'm sure someone on the list will.

I hope this has been helpful.

73.....Steve, WB6TNL

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 22 Mar 1998 13:19:28 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [6596] FS: S&S Engineering ARK20, TAC-1
Message-ID: <199803221917.NAA12373@mail.dialnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello all,

I have an ARK20 Synthesized 20 meter CW QRP Transceiver with built-in keyer and filter. This is the finest monoband radio around. Super selective and sensitive..

Also have a TAC-1 80 meter CW QRP transceiver, digital with filter. About the size of a external "Modem" Super radio.

Timewave DSP-9 audio filter, bought it for my Icom 706 before I installed the CW filter. Works great.

Looking for offers, trades, etc. What do you have? Please contact me direct at kelman@dialnet.net

Kelly Ellison
WB0WQS
QRP-L #702

Message-ID: <35157306.FFB8138D@ix.netcom.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Duane...

Not familiar with the NLS, but here is a list of sources for test equipment manuals:

Manuals Plus, 100's of thousands of manuals, (801) 882-7188.

Ed Matsuda, HP & Tek, good quality, fast delivery, great prices, (619) 479-0225.

Manual Merchant, (619) 490-9076, FAX 490-9075, linda_p@ix.netcom.com.

Susan, HP, Tek, Fluke, about 10,000 manuals, (800) 435-1516.

Bob Garcia, Tek & Racal, about \$35 each, (770) 977-5701.

Bob Lee, Tek, (503) 774-6560.

Deane Kidd, Tek, (503) 625-7363.

Art May, Military connections, (503) 632-6973.

Tektronix (800) 426-2200.

Hewlett Packard (800) 227-8164.

Wavetek (800) 622-5515

Bob, K5RKB

duane wrote:

>

> I have a chance to buy an O-Scope it is an NLS model MS-215

> miniscope dual trace. Does any one know anything about this model ? what is

> the bandwidth ? where to get a manual ?

Date: Sun, 22 Mar 1998 20:40:09 -0500

From: "Ron Polityka" <wb3aal@talon.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [6599] Web Page

Message-ID: <01bd55fc\$9d1105e0\$4f5445c6@default>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello QRP-L'ers,

I have updated my Web page so it will not take too long to down load. If you have a Web page of your own and

you would like me to post it on my page please let me know. Any links will be posted under the EPA QRP Web Page Links.

<http://www.kpsnet.com/wb3aal/wb3aalweb.htm>

Thanks,
73, Good DXing & QRPing
Ron de WB3AAL

E-mail: wb3aal@talon.net
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1 QRP # 5318 10-10 # 13173
QRP-L # 1099 G-QRP # 3031 AK QRP # 309
Adventure Radio Society #380

Date: Sun, 22 Mar 1998 12:44:55 -0800
From: Robert Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [6600] Tektronix 475 scope question
Message-ID: <35157847.F3345057@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Still working on getting my bench together... Have the opportunity to purchase a Tektronix 475 scope with EMI shielding option and 12/24V extra power input for \$400... the scope has nice bright trace/no burns and doesn't have a scratch on it! Great deal, good deal, bad deal or should I run like hell?? Any input appreciated.

--
Bob Bayha, K6RKB
Elmer 101 participant
QRP-ARCI #9505, CQC #488
G-QRP #9884, NorCal #2394

Date: Sun, 22 Mar 1998 14:51:26 -0600
From: Kevin Muenzler - WB5RUE <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "'pmk@juno.com'"

<pmk@juno.com>
Subject: [6601] RE: JUNO ???
Message-ID: <01BD55A5.CE4C17A0@SA5399-9-29.stic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On pmk@juno.com, Patrick M Kvitkauskas[SMTP:pmk@juno.com] wrote:

> Hate to bring this up here.
>
> I missed the post about JUNO and there automatic signature.
>
> I need to get rid of it. It is real annoying as you will see at the end
> of this message.
>
> Thanks es 72/73
> de Patrick KD40BQ
>
> AR
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]
>
>
>

Well, that's part of it being "free." You have to put up with certain things.

Kevin, WB5RUE

Date: Sun, 22 Mar 1998 16:41:32 -0500
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [6602] MacDilbert experiences...longish
Message-ID: <199803221642_MC2-379D-75FE@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi gang,

Picture this! 1960's, downtown Glasgow, bright young photocopier engineer= (me) back in the days when I could lift the toolcase with ONE hand and ha= d a spring in my step.

Callout! to the Bank no less. Ushered into the Bank, through the big security check , and toolcase searched, down to a tiny windowless room wherein stands a WET photocopier machine. (for you young'uns this was a true photographic process that eventually, after about four and a half minutes produced a damp soggy barely readable copy of what you put in at the top)

Check machine, not working. In th UK we have a fuse built into the mains cord plug. Check this, ok. There's a fuse on the machine, a screw out typ= e, check this ok. At the training course we were told there was an internal fuse on the chassis, no pcb's at this time.

The chassis is located behind a back panel held in place by no less than = 48 machine screws. (Did I mention the machine is about 3 foot high, 2 foot wide and at least 7 foot long?) Remove screws, find dead mouse, remove fu= se and check ok. Also remove dead mouse. By this time I'm getting a teensy b= it uptight! Check it all again, and it's now coming up to 3.30 p.m. end of U= K banking hours at that time. In comes the under manager to ask if the machine will be running at 3.30 so it can be used as normal. I point to a= ll the bits lying on the table, and tell him I doubt it. Just at that, it turns 3.30 p.m., there's a click and a light over the copier comes on by itself, and the copier tries to start up and drenches me head to foot in developer and fixer.

The bank have only gone and fitted the copier to a socket connected to a time switch to prevent the staff making un-authorised copies. The thing i= s, nobody told me, and I've been trying to fix a machine that ain't broke fo= r five and a half hours!

I can give you more true stories and confessions of a serviceman any time= >

72 and 73 de Mel

GM6JAG
Edinburgh, Scotland UK.
Home of the last HW9

G-QRP 1283 EA-QRP 88 ARRL and the likes

Area Chairman, British Caravanner's Club, Scotland.

BCC web pages on line at =

<<http://users.aol.com/bccscot/page1.html>>

Date: Sun, 22 Mar 1998 17:03:01 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <tahrens@inetport.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [6603] Re: IC706 Converters/Software - What I found (LONG)
Message-ID: <199803222202.3732300@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Tim Ahrens <tahrens@inetport.com>; owner-qrp-l@Lehigh.EDU
> There are a couple that are available, one from:
>
> www.ccc.nottingham.ac.uk/~mzyd108/interfaces.html
> The other was from the ARRL handbook.

OK, so just WHERE did you find that MAX232 chip?

I went and built something that works, but it's prett ugly, and I'm looking for a better idea. Right now it's on a breadboard ... I would like to find something better before committing it to solder, but finding that silly chip has stopped me from the published circuits. There HAS to be a better way than what I did.

I'll try to draw up my circuit and post it on my web site yet tonite.

72/73 de WB8RCR

Date: Sun, 22 Mar 1998 14:26:49 -0800 (PST)
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [6604] FS
Message-ID: <Pine.SOL.3.96.980322141442.11427A-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Not fully QRP so feel free to hit delete now!

Cushman CE-7 Service monitor. With a Vanguard Frequency
Synthesizer installed.

Model 306 preselector.
Model 316 Preselector.
Model 301 scope.

All the above items plug into the CE-7.

I have no idea how to use this! Nor do I know how the freq
synthesizer was installed. Not even sure if it works. Lights
come on and it seems to work. Makes noise like it does!

If interested, let me know and we can workout something so
that you don't get stuck with something that turns out to
not be what you want.

Also have (3) Motorola MT500 handhelds and one charger for
them. There were on 413.3500 simplex. The TX and RX xtals
have been removed but are other wise OK. Same deal as above
if they turn out to be NG or such.

Would like a trade. What do you have? I like radio, guns,
music and etc.

And I have an old HeathKit scope, model 10-102. This seems
to work OK.

Thanks for the BW,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 22 Mar 1998 15:40:22 -0700
From: Bruce Grubbs <bog@flagstaff.az.us>
To: joe_eder@compuserve.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [6605] RE: Mobile paddles?
Message-ID: <3.0.5.32.19980322154022.0092be10@mail.infomagic.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks Joe,
72

Bruce, N7CEE

packet: n7cee@n7cee.az.noam.us
email: bog@flagstaff.az.us

Coconino ARC
QRP ARCI #5883
Adventure Radio Society #344
"Minimal Means... Maximum Fun"

Date: Sun, 22 Mar 1998 17:46:59 -0500
From: Stephen Trier <sct@po.cwru.edu>
To: jjmcd@mdn.net
Cc: qrp-1@Lehigh.EDU
Subject: [6606] Re: IC706 Converters/Software - What I found (LONG)
Message-ID: <3.0.1.32.19980322174659.00922100@pop.cwru.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MAX232's are available from Digi-Key (\$2.94; www.digikey.com; 1-800-DIGIKEY) and JDR Microdevices (\$1.75; www.jdr.com; 1-800-538-5000). Other distributors carry the chip, too. You probably want the MAX232CPE, which is the standard-speed, commercial temperature range, 16-pin DIP. There are also surface mount, high-speed, and extended-temperature variants.

The MAX232 is a handy chip. It is an RS-232 interface chip that includes a little switching power supply so that it can run off of 5V but generate legal RS-232 levels (+/- 10V).

Stephen

--

Stephen Trier KG8IH
sct@po.cwru.edu

Date: Sun, 22 Mar 1998 17:51:05 -0500
From: "duane" <duane@flinet.com>
To: "qrp-l group" <QRP-L@Lehigh.EDU>
Subject: [6607] o-scope
Message-ID: <01bd55e4\$ff5050c0\$471a0ed0@ab4be.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

thanks for all the input from those who wrote to me about the NLS
Scope. I know the person who owned the scope for the last 2 years,
he received it from a ham who is now a silent key N3CNK I think was his
call. Any ways the price is right 35.00 but it's the only one he has.
again thanks for the information.

duane@flinet.com
AB4BE QrpL# 710

Date: Sun, 22 Mar 1998 23:16:32 +0000
From: ea8yu Goran <rodriguez@jet.es>
To: qrp-l@Lehigh.EDU
Subject: [6608] Power from RS232
Message-ID: <3.0.5.32.19980322231632.007c0310@jet.es>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Some gadgets take their power from the RS232 line. How much power can you
take
out and which line should one use?

I have an old 386 with separate RS232 card so I will not burn out the computer

if I miscalculate but would like to have an idea before starting. I want to use the RS232 from the SuperMorse program output to write to tape for listening to in the car driving to work.

Saludos

Goran ea8yu

End of QRP-L Digest 1037
